IFW

S/N 802,200

DEC 2 8 2004 \$

PATENT

IN THE COMPLETO STATES PATENT AND TRADEMARK OFFICE

Applicant:

Carl W. Schulter, et al.

Examiner:

Serial No.:

10/802,200

Group Art Unit: 3732

Filed:

03/17/2004

Docket No.: 104.102

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Please find attached form PTO/SB/08A, Information Disclosure Statement By Applicant (2 pages).

Respectfully submitted,

Date December 21, 2004

Stephen M. Patton Reg. No. 36,235

Patton IP 7881 Grove Court East Germantown, TN 38138

Phone: 901-309-3068 Fax: 901-756-9489

Email: SMPatton@PattonIP.com

<u>CERTIFICATE UNDER 37 CFR 1.8:</u> The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O.Box 1450, Alexandria, VA 22313-1450, on this 21st day of <u>December, 2004</u>

Name

Signature

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 10

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/802200		
Filing Date	03/17/2004		
First Named Inventor	Schulter	<u> </u>	
Art Unit	3732		
Examiner Name			
Attorney Docket Number	104.102		

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1 '	^{US-} 4719918	01-19-1988	Bonomo et al.	Figures 1-10	
	2	^{US-} 4798205	01-17-1989	Bonomo et al.	Coumns 1-3, 8	
	3	us- 4157085	06-05-1979	Austad	State of the Art	
	4	^{US-} 4543088	09-24-1985	Bootman et al.	State of the Art	
	5	^{US-} 4574780	03-11-1986	Manders	State of the Art	
	6	^{US-} 4666447	05-19-1987	Smith et al.	State of the Art	
·	7	us- 4671255	06-09-1987	Dubrul et al.	State of the Art	
	8	us- 4685447	08-11-1987	Iversen et al.	State of the Art	
	9	^{US-} 4823815	04-25-1989	Watson et al.	State of the Art	
	10	^{US-} 4840615	06-20-1989	Hancock et al.	State of the Art	
	11	^{US-} 4841948	06-27-1989	Bauer et al.	State of the Art	
	12	^{US-} 4841992	06-27-1989	Sasaki et al.	State of the Art	
	13	^{US-} 4899764	02-13-1990	Gauger et al.	State of the Art	
	14	US- 4944749	07-31-1990	Becker	Figs 3-6	
	15	us- 4984585	01-15-1991	Austad	State of the Art	
	16	us- 5066303	11-19-1991	Bark et al.	State of the Art	
	17	^{US-} 5074878	12-24-1991	Bark et al.	State of the Art	
	48	^{US-} 5092348	03-03-1992	Dubrul et al.	State of the Art	
	1/3	us- 5141508	08-25-1992	Bark et al.	State of the Art	

FOREIGN PATENT DOCUMENTS						
	Cite No.1	Cite Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Τ
,		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	1
						┡
						╄
						┝
						r
	-					۲

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/802,200 Filing Date 03/17/2004 INFORMATION DISCLOSURE First Named Inventor Schulter EMENT BY APPLICANT Art Unit 3732 (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number 104.102

Sheet

الم ا			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	20	US- 5158571	10-27-1992	Picha	State of the Art
	21	us- 5425760	06-20-1995	Rosenberg	State of the Art
	22	us- 5447535	09-05-1995	Muller	State of the Art
	23	us- 5746762	05-05-1998	Bass	State of the Art
	24	^{US-} 5776159	07-07-1998	Young	State of the Art
11	25	^{US-} 5855588	01-05-1999	Young	State of the Art
	26	US- 5871497	02-16-1999	Young	State of the Art
	27	us- 5984943	11-16-1999	Young	State of the Art
	28	^{US-} 6228116 B1	05-08-2001	Ledergerber	State of the Art
	29	us- 6315796 B1	11-13-2001	Eaton	State of the Art
		US-			
400		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	3	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	/					L
_ 4						
	p'					
						L
						Г

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.